CATALOGUE OF THE NAMES PUBLISHED BY HECTOR LÉVEILLÉ: XI*

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ABSTRACT. The species described by Léveillé belonging to the families Plumbaginaceae, Primulaceae, Myrsinaceae, Sapotaceae, Ebenaceae and Styracaceae are evaluated. Other species described in, but not belonging to, these families are also included. There is one new combination: Lysimachia esquirolli (Lévl.) Lauener.

INTRODUCTION

Some of the genera and families dealt with in this part of the Catalogue have already been the subject of revisions and I have followed the taxonomy adopted by Smith & Fletcher for Primula, by Walker for Myrsinaceae and, most recently, by Nooteboom for Symplocos.

Type specimens cited by Rehder (Journ. Arn. Arb. 15, 1934 & 18, 1937) are not repeated here.

PLUMBAGINACEAE

Plumbago esquirolii Lévl. = Anisadenia pubescens Griff. (Linaceae).

This species was not included in the account of Linaceae (Notes R.B.G. Edinb. 27:265, 1967) as P. esquirolii had not then been found or examined.

PRIMULACEAE

1337. Androsace erecta Maxim. in Bull. Acad. Sci. St. Pétersb. 27:499 (1881); Hand.-Mazz. in Notes R.B.G. Edinb. 15:297 (1927).

Mitrasacme mairei Lévl. in Fedde, Rep. Sp. Nov. 13:257 (1914).

CHINA. Yunnan, rochers, pied des mont. à La-Kou, 2400 m, plante annuelle, isolée, dressée, fl. ou blanc ou roses, vii 1912, E. E. Maire s.n. (holo. M. mairei. E).

1338. Androsace mairei Lévl. in Bull. Acad. Géog. Bot. 25:40 (1915) & Cat. Pl. Yunnan 210 (1917); Hand-Mazz. in Notes R.B.G. Edinb. 15:287 (1927). CHINA. Kweichow, rochers du Io-chan, 3300 m, primula vivace, stolons rampants, cassants fl. roses, vi 1912, E. E. Maire s.n. (holo. E).

REFERENCES FOR ANDROSACE

Handel-Mazzetti, H. (1927). A Revision of the Chinese Species of Androsace, with Remarks on other Asiatic Species. Notes R.B.G. Edinb. 15:259–298. (1931). Supplementary Notes on Chinese and other Species of Androsace. Let 16:161-166.

* Part I, Notes R.B.G. Edinb. 23:573-596 (1961); II, 24:73-78 (1962); III, 26:333-346 (1966); IV, 27::1-10 (1966); V, 27:265-292 (1967); VI, 30:239-294 (1970); VII, 31:337-435 (1972); VIII, 32:393-116 (1972); IX, 34: 337-402 (1971); X, 33:247-264 (1977).

1339. Lysimachia capillipes Hemsl. var. cavaleriei (Lévl.) Hand.-Mazz. in Journ. Arn. Arb. 15:294 (1934) & Symb. Sin. 7:731 (1936); Rehder in Journ. Arn. Arb. 18:232 (1937).

Andrachne cavaleriei Lévl. in Fedde, Rep. Sp. Nov. 12:187 (1913) & Fl. Kouy-Tchéou 158 (1914).

CHINA. Kweichow, Ta-ting, grotte no. 2, 630 m, ix 1910, Esquirol 2238 (holo. A. cavaleriei, E).

1340. Lysimachia christinae Hance in Journ. Bot. 11:167 (1873); Lévl., Fl. Kouy-Tchéou 324 (1915) & in Mem. Real Acad. Ci. Artes Barcelona ser. 3, 12:558 (1916); Hand-Mazz. in Notes R.B.G. Edinb. 16:100 (1928).

L. latronum Lévl. & Van. in Bull. Soc. Agric. Sci. Artes Sarthe 39:317 (1904) & in Fedde, Rep. Sp. Nov. 6:372 (1909).

? L. japonica Thunb. var. courtoisii Lévl. in Mem. Real Acad. Ci. Artes Barcelona ser. 3, 12:559 (1916)—nom. nud.

There is some discrepancy regarding the type specimen of *L. latronum*. In the protologue Léveillé & Vaniot wrote "Kouy-Tcheou: La plante est cultivée à Pin fa. Le collecteur, le P. Cavalerie a joint aux échantillons cette curieuse note: 'Les voleurs disent que cette plante infusée dans du vin guérit les maux des reins. Ils en usent après avoir reçu des coups' no. 1302 in

The above implies that the type specimen should be Cavalerie 1302 collected from Kweichow. However, the only specimen bearing the name L. lattonum in Léveillé's hand is a d'Argy specimen from Kiangsu which fits the description of L. latronum. In his Flore du Kouy-Tchéou, Léveillé gives L. latronum in synonymy under L. christinae, but the specimen cited is Essairol 2128.

1341. Lysimachia daphnoides (A. Gray) Hillebr. var. fauriei Lévl. in Fedde, Rep. Sp. Nov. 10:156 (1911).

HAWAIIAN (SANDWICH) ISLANDS. Oahu, Kaliki, x 1909, Faurie 708, (typus—n.v.).

1342. Lysimachia esquirolii (Lévl.) Lauener, comb. nov.

Ardisia esquirolii Lévl. in Fedde, Rep. Sp. Nov. 12:186 (May 1913) & Fl. Kouy-Tchéou 283 (1915)—non Lysimachia esquirolii Bonati (Dec. 1913). Lysimachia lancifolia Cratà in Kew Bull. 1918;36 (1918); Hand-Mazz. in Notes R.B.G. Edinb. 16:72 (1928) & in Journ. Arn. Arb. 15:294 (1934). CHNA. Kweichow, chute d'eau de Hoâng-tsão-pá, fleur jaune, vi 1909, Esquirol 1546 (holo. A. esquirolii, E).

Handel-Mazzettii identified Ardisia esquirolii as Lysimachia lancifolia in 1933. The new combination has unfortunately to be made because Ardisia esquirolii was described a few months earlier than Lysimachia esquirolii Bonati. The next available name for L. esquirolii Bonati is L. sutchuenensis Bonati (see Hand.-Mazz. in Notes R.B.G. Edinb. 16:91, 1928) which must now he used.

1343. Lysimachia franchetii R. Knuth in Pflanzenr. Primul. (IV. 237): 283 (1905); Hand.-Mazz. in Notes R.B.G. Edinb. 16:80 (1928).

L. hemsleyi Franch. in Journ. de Bot. 9:461 (1895)—non L. hemsleyana Maxim. (1891).

L. franchetiana Lévl., Cat. Pl. Yunnan 211 (1917)—nom. nov. for L. hemslevi.

No Léveillé type specimen is involved.

Lysimachia mairei Lévl. = Paradombeva sinensis Dunn (Sterculiaceae).

1344. Lysimachia millietii (Lévl.) Hand.-Mazz., Symb. Sin. 7:731 (1936); Rehder in Journ. Arn. Arb. 18:232 (1937).

Andrachne millietii Lévl. in Bull. Acad. Géog. Bot. 24:146 (1914) & Fl. Kouv-Tchéou 158 (1914).

CHINA. Kweichow, Hin y fou, fl. jaunes, vi 1912, Cavalerie 3993 (holo. E).

1345. Lysimachia navillei (Lévl.) Hand.-Mazz. in Journ. Arn. Arb. 15:293 (1934).

L. solanoides Hand.-Mazz. in Notes R.B.G. Edinb. 16:70 (1928).

Diospyros navillei Lévl., Fl. Kouy-Tchéou 145 (1914). CHINA. Kweichow, à Tchei-chou, fleur blanche, viii 1905, Esquirol 749 (holo.

As explained by Handel-Mazzetti (1934) there are two specimens of Esquirol 749 in Léveille's herbarium. One is the holotype of D. navillei and the other, along with Esquirol 772, a syntype of L. solanoides.

DEFEDENCES FOR LYSIMACHIA

D. navillei E; syntype L. solanoides, E).

Handel-Mazzetti, H. (1928). Chinese Species of Lysimachia. Notes R.B.G.

—(1931). Supplementary Notes on Chinese Species of Lysimachia. *l.c.* 16: 167-169.

1346. Primula celsiiformis Balf. f. in Notes R.B.G. Edinb. 9:7 (1915); W.W. Sm. & Fletcher in Trans. Bot. Soc. Edinb. 34:123 (1944).

. P. racemosa Lévl. in Le Monde des Pl. 17:2 (1915)—non Bonati (1909). CHINA. Yunnan, rochers de Ta-tchai, 600 m, primula vivace; fl. violacées, vii 1912, E. E. Maire s.n. (holo. P. racemosa; iso. P. celsiformis, E).

Duplicates of the same collection were described independently and the holotype of *P. celsiiformis* is also the isotype of *P. racemosa*.

1347. Primula incisa Franch. in Bull. Soc. Bot. Fr. 33:69 (1886); W.W. Sm. & Fletcher in Trans. Bot. Soc. Edinb. 33:464 (1943).

P. blinii Lévl. in Le Monde des Pl. 17:2 (1915) & Cat. Pl. Yunnan 212 (1917).

P. oresbia Balf. f. in Notes R.B.G. Edinb. 9:32 (1915).

CHINA. Kweichow, sommet du Io-chan, 3400 m, primula, feuilles tomenteuses et blanches endessous, fl. roses, vi 1912, *E. E. Maire* s.n. (holo. *P. blinit*; iso. *P. oresbia*, E).

The holotype of *P. oresbia* (E) is also an isotype of *P. blinii*. Léveillé and Balfour independently described duplicates of the same collection.

1348. Primula mairei Lévl. in Le Monde des Pl. 17:2 (1915), Cat. Pl. Yunnan 214 (1917) & Cat. Ill. Pl. Seu-Tchouen, Pl. 55 (1918); W.W. Sm. & Fletcher in Trans. Bot. Soc. Edinb. 33:285 (1942).

P. cephalantha Balf. f. in Notes R.B.G. Edinb. 9:10 (1915).

CHINA. Kweichow, pâtures, flancs du Io-chan, 3300 m, primula tomenteuse, vert pâle, fl. violet-sombre, vi 1912, E. E. Maire s.n. (syntype P. mairei E); pâturages du Io-chan, 3300 m, primula vivace, feuil. molles, fl. bleues, viii 1912, E. E. Maire s.n. (syntype P. mairei, E).

The Io-chan specimen collected in August does not have the name "P. mairei" on the label, but Léveillé's protologue has a combined field note "juin-août 1912" and it seems fairly certain that he was including the two collections as type specimens.

1349. Primula obconica Hance in Journ. Bot. 18:234 (1880).

P. obconica var. cavaleriei Lévl., Fl. Kouy-Tchéou 326 (1915)—nom. nud. CHINA. Kweichow, sur la route de Pin-fa à la capitale, v 1905, Cavalerie 2305.

Léveillé gave no description of var. cavaleriei, giving only Cavalerie's field note—"Dans son jeune age, le pédoncule contourne en crosse est très velu, les poils deviennent peu à peu moins apparents".

1350. Primula veitchiana Petitm. in Le Monde des Pl. 9:14 (1907); W.W. Sm. & Fletcher in Trans. Roy. Soc. Edinb. 61:298 (1944).

P. pirolaefolia Lévl. in Le Monde des Pl. 17:2 (1915) & Cat. Pl. Yunnan 215 (1917).

CHINA. Yunnan, collines boisées de Uin-chan-hien, 800 m, primula vivace, vert sombre, fl. violettes, v 1912, E. E. Maire s.n. (syntype P. pirolaefolia, E); sous bois des mont. à Ou-Kia, 3000 m, primula à feuilles arrondies, fl. bleu de Prusse, iv 1912, E. E. Maire s.n. (syntype P. pirolaefolia, E).

Léveillé cited 1000 m as the altitude for the collection from Ou-Kia and this would appear reasonable, but the label clearly gives the altitude as 3000 m.

1351. Primula virginis Lévl. in Le Monde des Pl. 17:1 (1915) & Cat. Pl. Yunnan, 216, f. 55 (1917); W.W. Sm. & Fletcher in Trans. Bot. Soc. Edinb. 33:224 (1942).

P. leimonophila Balf. f. in Notes R.B.G. Edinb. 9:25 (1915).

? P. petrophyes Balf. f., l.c. 9:33 (1915).

CHINA. Kweichow, pâtures du Io-chan, 3300 m, fl. bleu sombre, vi 1911, E. E. Maire s.n. (syntype P. virginis, E); plateau du Io-chan, rochers, 3400 m, primula vivace, fl. bleues, vi 1911, E. E. Maire s.n. (syntype P. virginis; iso. P. petrophyes, E).

It is obvious from the combined field note in Léveille's protologue that two collections comprise the type material of P. virginis. In fact, several Maire collections are involved in type material of P. virginis, P. leimonphila and P. petrophyes. One of them from Io-chan, but not a type of P. virginis, is the holotype of P. leimonophila. The holotype of P. petrophyes is also at Edinburgh.

1352. Primula sinuata Franch. in Bull. Mus. D'hist. Nat. Paris 1:65 (1895); W.W. Sm. & Fletcher in Trans. Roy. Soc. Edinb. 61:287 (1944).

P. nemoralis Balf. f. in Notes R.B.G. Edinb. 9:31 (1915).

P. ragotiana Lévl. in Le Monde des Pl. 17:2 (1915) & Cat. Pl. Yunnan 215 (1917).

CHINA. Yunnan, sous bois humides à Ou-Kia, 3000 m, primula à feuilles molles, fl. violettes, iv 1912, E. E. Maire s.n. (holo. P. ragotiana; iso. P. nemoralis, E).

Duplicates of the same collection were described independently and the holotype of P. nemoralis is also the isotype of P. ragotiana.

1353. Primula spicata Franch. in Bull. Soc. Bot. Fr. 32:269 (1885); W.W. Sm. & Fletcher in Journ. Linn. Soc. (Bot.) 52:331 (1942).

P. delicata Forrest in Notes R.B.G. Edinb. 4:222, Pl. 29B (april 1908) non Petitm. (ian. 1908).

P. delicatula Dunn in Journ. Linn. Soc. (Bot.) 39:480 (1911)—nom. nov. for P. delicata Forrest; Lévl., Cat. Pl. Yunnan 213 (1917).

P. balfourii Lévl., l.c. 212 (1917)—nom. nov. for P. delicata Forrest.

It is not clear why Léveillé provided another name for *P. delicata* when he knew this had already been provided by Dunn. No Léveillé type specimen is involved.

MYRSINACEAE

1354. Ardisia brevicaulis Diels in Bot. Jahrb. 29:519 (1900); Walker in Journ. Arn. Arb. 15:289 (1934) & in Philipp. Journ. Sci. 73:105 (1940).

A. bodinieri Lévl. in Fedde, Rep. Sp. Nov. 9:461 (1911) & Fl. Kouy-Tchéou 282 (1915). 1355. Ardisia crenata Sims in Curtis, Bot. Mag. 45: t. 1950 (1818); Walker in Philipp, Journ. Sci. 73:112 (1940), in Bot. Mag. Tokyo 67:211 (1954), in Sci. Bull. Agric. & Home Econ. Div., Univ. Ryukyus, no. 2:71 (1955) & in Quart. Journ. Taiwan Mus. 12:177 (1959); Liu, Illustr. Native & Introduced Lign. Pl. Taiwan 2:1019, 1. 845 (1962); Lii, Woody Fl. Taiwan 7:12 (1963).

A. labordei Lévl. in Fedde, Rep. Sp. Nov. 10:373 (1912) & Fl. Kouy-Tchéou 283 (1915); Walker in Journ. Arn. Arb. 15:289 (1934) pro syn.

sub A. crispa (Thunb.) A. DC.

A. crispa (Thunb.) A. D.C. var. taquetii Lévl. in Fedde, Rep. Sp. Nov. 10: 374 (1912); Walker in Journ. Arn. Arb. 15:290 (1934) pro syn. sub A. crispa.

Bladhia crispa Thunb. var. taquetii (Lévl.) Nakai, Trees, Shrubs Jap. 1:208

(1922) & Fl. Sylv. Kor. 13:16, pl. 5 (1923).

B. lentiginosa (Ker) Nakai var. taquetii (Lévl.) Nakai in Nakai & Koidz., Trees, Shrubs Jap. ed. 2,1:284 (1927) & in Bull. Nat. Sci. Mus. Tokyo no. 31:90 (1952).

B. crenata (Sims) Hara, Enum. Sperm. Jap. 1:75 (1948).

B. crenata (Sims) Hara var. taquetii (Lévl.) Hara, l.c. 1:76 (1948).

Ardisia crenata Sims f. taquetii (Lévl.) Ohwi in Bull. Nat. Sci. Mus. Tokyo no. 33:82 (1953) & Fl. Jap. (Engl. ed) 714 (1965).

1356, Ardisia crispa (Thunb.) A. DC. var. dielsii (Lévl.) Walker in Bull. Fan. Mem. Inst. Biol (Bot.) 9:163 (1939), in Journ. Washington Acad. Sci. 29:260 (1939), in Philipp. Journ. Sci. 73:121 (1940) & in Quart. Journ. Taiwan Mus. 12:178 (1959); Liu, Illustr. Native & Introduced Lign. Pl. Taiwan 2:1020, t. 846 (1962); Lii, Woody Fl. Taiwan 712 (1963).

A. dielsii Lévl. in Fedde, Rep. Sp. Nov. 9:46 (1911), Fl. Kouy-Tchéou 282 (1913), Ed. Pl. Yunnan 177 (1916); Rehder in Journ. Arn. Arb. 18:232 (1937) pro syn. sub A. crispa.

A. henryi Hemsl. var. dielsii (Lévl.) Walker, Journ. Arn. Arb. 15:290 (1934).

Ardisia discolor Lévl. = Cornus oblonga Wall. (Cornaceae).

1357. Ardisia elegans Andr. in Bot. Repos. 10: t. 623 (1811); Walker in Journ. Arn. Arb. 15:290 (1934) & in Philipp. Journ. Sci. 73:110 (1940).
A. eleganitssima Lévl. in Fedde, Rep. Sp. Nov. 10:373 (1912).

Ardisia esquirolii Lévl. = Lysimachia esquirolii (Lévl.) Lauener (Primulaceae).

1358. Ardisia faberi Hemsl. in Journ. Linn. Soc. (Bot.) 26:64 (1889); Walker in Journ. Arn. Arb. 15:291 (1934) & in Philipp. Journ. Sci. 73:133 (1940).

A. castaneifolia Lévl. in Fedde, Rep. Sp. Nov. 9:461 (1911)—non Mez (1902).

A. cavaleriei Lévl. in Fedde, l.c. 10:374 (1912), Fl. Kouy-Tchéou 282 (1915) & Cat. Pl. Yunnan 177 (1916).

Ardisia mairei Lévl. = Chloranthus glaber (Thunb.) Makino (Chloranthaceae).

Ardisia perforata Lévl. = Alangium faberi Oliv. var. perforatum (Lévl.) Rehder (Cornaceae).

1359. Ardisia tenera Mez. in Engl., Pflanzenr. 9 (IV. 236): 104 (1902); Walker in Journ. Arn. Arb. 15:289 (1934) & in Philipp. Journ. Sci. 73:80 (1940).

A. meziana Lévl. in Fedde, Rep. Sp. Nov. 10:374 (1912) & Fl. Kouy-Tchéou 283 (1915).

Embelia cavaleriei Lévl. = Ilex metabaptista Loes. var. myrsinoides (Lévl.) Rehder (Aquifoliaceae).

Embelia esquirolii Lévl. = Celastrus gemmatus Loes. (Celastraceae).

1360. Embelia oblongifolia Hemsl. in Journ. Linn. Soc. (Bot.) 26:62 (1889); Walker in Journ. Arn. Arb. 15:291 (1934) & in Philipp. Journ. Sci. 73:167 (1940); Rehder in Journ. Arn. Arb. 18:232 (1937); Liu, Illustr. Native & Introduced Lien. Pl. Taiwan 2:1030. 1 \$86 (1962).

E. bodinieri Lévl. in Fedde, Rep. Sp. Nov. 9:327 (1911) & Fl. Kouy-Tchéou 284 (1915).

1361. Embelia pauciflora Diels in Bot. Jahrb. 29:517 (1900): Walker in Journ. Arn. Arb. 15:291 (1934) & in Philipp. Journ. Sci. 73:176 (1940).

E. schlechteri Lévl. in Fedde, Rep. Sp. Nov. 10:374 (1912) & Fl. Kouy-Tchéou 285 (1915).

1362. Embelia pauciflora Diels var. blinii (Lévl.) Walker in Journ. Arn. Arb. 15:292 (1934) & in Philipp. Journ. Sci. 73:178 (1940).

E. blinii Lévl. in Fedde, Rep. Sp. Nov. 10:375 (1912) & Fl. Kouy-Tchéou 284 (1915).

E. dielsii Levl. in Fedde, Rep. Sp. Nov. 10:374 (1912) & Fl. Kouy-Tchéou 284 (1915).

E. kapoensis Lévl. in Fedde, Rep. Sp. Nov. 12:186 (1913), Fl. Kouy-Tchéou pro syn. sub E. dielsii.

Embelia rubrinervis Lévl. = Rhamnella rubrinervis (Lévl.) Rehder (Rhamnaceae).

Embelia rubro-violacea Lévl. = Ilex chinensis Sims (Aquifoliaceae).

Embelia valbrayi Lévl. = Schisandra propinqua Hook. f. & Thoms. vər. sinensis Oliv. (Schisandraceae).

Embelia vanioti Lévl. = Gaultheria leucocarpa Blume (Ericaceae).

Maesa aurea Lévl. = Symplocos cochinchinensis (Lour.) S. Moore subsp. laurina (Retz.) Noot. (Symplocaceae).

Maesa blinii Lévl. = Rhamnus blinii (Lévl.) Rehder (Rhamnaceae).

Maesa bodinieri Lévl. & Blin. = Symplocos cochinchinensis (Lour.) S. Moore subsp. laurina (Retz.) Noot. (Symplocaceae).

1363. Maesa japonica (Thunb.) Moritzi ex Zoll., Syst. Verz. Ind. Archip. 3:61 (1855); Walker in Journ. Arn. Arb. 15:288 (1934), in Philipp. Journ. Sci. 73:19 (1949) & in Bot. Mag. Tokyo 67:156 (1954); Hara, Enum. Sperm. Jap. 1:80 (1948).

Doraena japonica Thunb., Nov. Gen. Pl. 3:60 (1783).

Pieris oligodonta Lévl. in Bull. Soc. Bot. Fr. 54:369 (1907), Fl. Kouy-Tchéou 150 (1914) incl. Vaccinium oligodontum Lévl. pro syn.

Maesa labordei Lévl. in Fedde, Rep. Sp. Nov. 9:462 (1911); Fl. Kouy-Tchéou 286 (1915) pro syn. sub M. cavaleriei.

M. esquirolii Lévl. in Fedde, Rep. Sp. Nov. 9:462 (1911) & Fl. Kouy-Tchéou 286 (1915).

M. cavaleriei Lévl. in Fedde, Rep. Sp. Nov. 9:462 (1911) & Fl. Kouy-Tchéou 286 (1915).

M. dunniana Lévl. in Fedde, Rep. Sp. Nov. 9:463 (1911) & Fl. Kouy-Tchéou 286 (1915).

Myrsine esquirolii Lévl. in Fedde, Rep. Sp. Nov. 12:186 (1913) & Fl. Kouy-Tchéou 288 (1915).

Maesa myrsinoides Lévl. = Ilex metabaptista Loes. var. myrsinoides (Lévl.) Rehder (Aquifoliaceae).

Maesa scandens Lévl. = Trachelospermum axillare Hook. f. (Apocynaceae).

Maesa singuliflora Lévl. = Quercus phillyreoides Gray (Fagaceae).

1364. Maesa tenera Mez in Engl., Pflanzenr. 9 (TV. 236): 28 (1902); Walker
 in Journ. Arn. Arb. 15:288 (1934) & in Philipp. Journ. Sci. 73:34 (1940);
 Liu, Illustr. Native & Introduced Lign. Pl. Taiwan 2:1033, t. 859 (1962).
 M. martini Lévl. in Fedde, Rep. Sp. Nov. 9:462 (1911), Fl. Kouy-Tchéou 286 (1913) pro svn. sub Maesa sinensis DC.

1365. Myrsine africana L., Sp. Pl. 196 (1753); Walker in Journ. Arn. Arb. 15; 293 (1934), in Philipp. Journ. Sci. 73:185 (1940) & in Bot. Mag. Tokyo 57; 249 (1954); Lauener in Notes R.B.G. Edinb. 27:279 (1967).

Rhamnus myrtillus Lévl. in Fedde, Rep. Sp. Nov. 12:535 (1913), Fl. Kouy-Tchéou 343 (1915) & Cat. Pl. Yunnan 228 (1917).

Myrsine cavaleriei Lévl. = Eurya groffii Merrill (Theaceae).

Myrsine chaffanjoni Lévl. = Microtropis fokienensis Dunn (Celastraceae).

Myrsine chevalieri Lévl. = Sarcococca hookeriana Baill. var. humilis Rehder & Wilson (Euphorbiaceae).

 $\it Myrsine\ feddei\ L\'{e}vl. = Ilex\ metabaptista\ Loes.\ var.\ myrsinoides\ (L\'{e}vl.)$ Rehder (Aquifoliaceae).

Myrsine molokaiensis Lévl. = Planchonella sandwicensis (A. Gray) Pierre var. spathulata (Hillebr.) H. J. Lam. (Sapotaceae).

1366. Myrsine semiserrata Wall. in Roxb., Fl. Ind. 2:293 (1824); Lévl., Fl. Kouy-Tchéou 288 (1915); Walker in Journ. Arn. Arb. 15:292 (1934) & in Philipp. Journ. Sci. 73:190 (1940); Lauener in Notes R.B.G. Edinb. 27:273 (1967).

Celastrus cavaleriei Lévl. in Fedde, Rep. Sp. Nov. 13:262 (1914). C. seguini Lévl., l.c. 13:262 (1914).

1367. Myrsine seguinii Lévl., Fl. Kouy-Tchéou 228 (1915); Walker in Bot. Mag. Tokyo 67:252 (1954), in Sci. Bull. Agric. & Home Econ. Div., Univ. Ryukyus no. 2:77 (1955) & in Quart. Journ. Taiwan Mus. 12:192 (1959); Liu, Illustr. Native & Introduced Lign. Pl. Taiwan 2:1036, t. 862 (1962); Li, Woody Fl. Taiwan 72 (1963); Ohw, Fl. Jap. (Engl. ed.) 715 (1965).

Wyrsine neriifolia Sieb. & Zucc. in Abh. Bayer. Akad. Wiss. Münch. Math.-Phys. Kl. 4(3):137 (1846)—non Casaretto (1843).

Rapanea neriifolia (Sieb. & Zucc.) Mez in Engl., Pflanzenr. 9 (IV. 236):361 (1902); Walker in Journ. Arn. Arb. 15:293 (1934) & in Philipp. Journ.

Sci. 73:202 (1940).

Athruphyllum seguinii (Lévl.) Nakai in Bot. Mag. Tokyo 55:527 (1941).

A neriifolium (Sieb. & Zucc.) Hara, Enum. Sperm. Jap. 1:74 (1948).

Rananea aurea Lévl. = Eurya aurea (Lévl.) Hu & L. K. Ling (Theaceae).

1368. Rapanea lessertiana (A.DC.) Degener & Hosaka in Degener, Fl. Hawaiiensis Fam. 290 (1939) in obs. sub R. volcanica.

Myrsine lessertiana A.DC. in Ann. Sci. Nat. sér. 2,16:85 (1841).

Suttonia lessertiana (A.DC.) Mez in Engl., Pflanzenr. 9 (IV.236):336 (1902); Rock in Fedde, Rep. Sp. Nov. 13:356 (1914), excl. S. pukooensis Lévl.

Myrsine fauriei Lévl., l.c. 10:154 (1911).

Suttonia fauriei (Lévl.) Lévl., l.c. 10:373 (1912).

S. meziana Lévl., l.c. 10:443 (1912).

S. cuneata Lévl. & Faurie, l.c. 10:443 (1912).

S. flavida Lévl., l.c. 10:444 (1912).

HAWAIIAN (SANDWICH) ISLANDS. Oahu: Waianai, v 1910, Faurie 422, Muranu, xi 1909, Faurie 423, Konahuanui, x 1909, Faurie 427 (syntypes M. fauriei—n.v.); Oahu, Punaliui, 800 m, v 1910, Faurie 428 (typus S. meziana—n.v.); Maunakea, 2000 m, volean Kilauea, v-vii 1909 Faurie 2, 3, 431 (syntypes S. cameata—n.v.); Maui, viii 1909, Faurie 4, 5 (syntypes S. faviada—n.v.)

I have seen none of the types of Léveillé's species all of which Rock paced under Suttonia lessertiana. Suttonia is generally recognized as a synonym of Rapanea (see A. C. Smith in Journ. Arn. Arb. 54, 278: 1973) and I have therefore placed Léveillé's species under R. lessertiana, except for S. pulkooensis (see no. 1596).

1369. Rapanea pukooensis (Lévl.) Degener & Degener in Phytologia 22:213 (1971).

Suttonia pukooensis Lévl. in Fedde, Rep. Sp. Nov. 10:444 (1912).

Myrsine pukooensis (Lévl.) Hosaka in Occas. Papers B.P. Bish. Mus. 16:56 (1940).

HAWAIIAN (SANDWICH) ISLANDS. Molokai, Pukoo, v 1910, Faurie 426 (typus S. pukooensis—n.v.).

1370. Rapanea sandwicensis (A.DC.) Degener & Hosaka in Degener, Fl. Hawaiiensis Fam. 290 (1939) in obs. sub R. volcanica & 6: Fam. 290 (1963). Myrsine sandwicensis A.DC. in Ann. Sci. Nat. sér. 2, 16:88 (1841).

Suttonia sandwicensis (A.DC.) Mez in Engl., Pflanzenr. 9 (IV.236) 336 (1902); Rock in Fedde, Rep. Sp. Nov. 13:356 (1914).

(1902); ROCK in Fedde, Rep. Sp. Nov. 13:356 (1914).

Myrsine sandwicensis A.DC. var. punctata Lévl., l.c. 10:157 (1911).

M. vanioti Lévl., l.c. 10:157 (1911).

Suttonia apodocarpa Lévl., l.c. 10:444 (1912). S. punctata (Lévl.) Lévl., l.c. 10:444 (1912).

S. vanioti (Lévl.) Lévl., l.c. 10:444 (1912).

HAWAIIAN (SANDWICH) ISLANDS. Kauai, Waimea, 1000 m, ii 1910, Faurie 447 (typus M. sandwicensis var. punctata—n.v.); Oahu, Konahuanui, 1000 m, 2 v 1910, Faurie 448 (typus M. vanioti—n.v.); Kauai, Waimea, 1000 m, ii 1910, Faurie 446 (typus S. apodocarpa—n.v.).

Rock placed the above taxa under Suttonia sandwicensis but only Myrsine vanioti is cited by Degener & Hosaka.

1371. Rapanea sandwicensis (A.D.C.) Degener & Hosaka var. mauiensis (Lévl.) Degener & Degener in Degener, Fl. Hawaiiensis 6: Fam. 290 (1963). Myrsine sandwicensis A.D.C. var. mauiensis Lévl. in Fedde, Rep. Sp. Nov. 10:157 (1911).

Suttonia mauiensis (Lévl.) Lévl. in Fedde, Rep. Sp. Nov. 10:444 (1912); Rock, l.c. 13:356 (1914) pro syn. sub S. sandwicensis.

HAWAIIAN (SANDWICH) ISLANDS. Mauai, Yao valley, viii 1909, Faurie 449 (typus M. sandwicensis var. mauiensis—n.v.).

Suttonia molokaiensis (Lévl.) Lévl. = Planchonella sandwicensis (A. Gray) Pierre var. spathulata (Hillebr.) H.J. Lam. (Sapotaceae).

REFERENCES FOR MYRSINACEAE

Mez, C. (1902). Myrsinaceae. Das Pflanzenr. 9 (IV.236):1-437.

Walker, E. H. (1939). An Enumeration of the Myrsinaceae of Yunnan. Bull. Fan Mem. Inst. Biol. (Bot.) 9:135-194.

——(1940). Revision of Eastern Asiatic Myrsinaceae. Philipp. Journ. Sci. 73:1-258.

— (1954). Concerning the Myrsinaceae ("Ardisiaceae") of Japan. 1, Bot. Mag. Tokyo 67:105-111; op. cit. 2, l.c. 155-162; op. cit. 3, l.c. 203-313; op. cit. 4, l.c. 247-255.

——(1955). The Myrsinaceae of the Ryukyu Islands. Sci. Bull. Agric. & Home Econ. Div., Univ. Ryukyus no. 2:60-79.

— (1959). A Revision of the Myrsinaceae of Taiwan. Quart. Journ. Taiwan Mus. 12:161-194.

SAPOTACEAE

Sideroxylon bodinieri Lévl. = Handeliodendron bodinieri (Lévl.) Rehder (Sapindaceae).

1372. Sideroxylon wightianum Hook. & Arn.; Rehder in Journ. Arn. Arb. 15:

294 (1934); Lauener in Notes R.B.G. Edinb. 27:279 (1967).
Rhammus coriaceifolius Lévl. in Fedde, Rep. Sp. Nov. 12:535 (1913) & Fl. Kouv-Tehéou 342 (1918).

1373. Planchonella sandwicensis (A. Gray) Pierre var. spathulata (Hillebr.) H.J. Lam. in Blumea 5:26 (1942) s.l.; van Roven in Blumea 8:408 (1957).

Sideroxylon spathulatum Hillebr., Fl. Haw. Isl. 277 (1888).

Myrsine molokaiensis Lévl. in Fedde, Rep. Sp. Nov. 10:154 (1911).

Suttonia molokaiensis (Lévl.) Lévl., l.c. 10:373 (1912).

Sideroxylon spathulatum Hillebr. var. molokaiense (Lévl.) Rock, l.c. 13: 356 (1914).

HAWAHAN (SANDWICH) ISLANDS. Molokai, Kamolo, 1000 m, vi 1910, Faurie 435 (typus Myrsine molokaiensis—n.v.).

Van Royen did not cite Léveillé's species nor Rock's combination, but assuming Rock's identification is correct M. molokaiensis would be better placed under Planchonella. Van Royen divided var. spathulata into f. spathulata and f. densiflora (Hillebr.) H.J. Lam.

EBENACEAE

Diospyros bodinieri Lévl. = Ilex macrocarpa Oliv. (Aquifoliaceae).

Diospyros chaffanjoni Lévl. = Cotoneaster horizontalis Decne. (Rosaceae).

1374. Diospyros dumetorum W.W. Sm. in Notes R.B.G. Edinb. 9:104 (Feb. 1916).

D. mollifolia Rehder & Wils. in Sargent, Pl. Wils. 2:591 (30 March 1916); Rehder in Journ. Arn. Arb. 15:294 (1934).

D. mairei Lévl., Cat. Pl. Yunnan 83 (22 June 1916).

1375. Diospyros esquirolii Lévl., Fl. Kouy-Tchéou 145 (1914); Rehdei in Journ. Arn. Arb. 15:294 (1934) & 18:233 (1937); Hand.-Mazz., Symb. Sin. 7:802 (1936).

1376. Diospyros kaki L. f. var. silvestris Makino; Rehder in Journ. Arn. Arb. 15:295 (1934).

D. argyi Lévl. in Mem. Real Acad. Ci. Artes Barcelona ser. 3,12:550 (1916).

Diospyros navillei Lévl. = Lysimachia navillei (Lévl.) Hand.-Mazz. (Primulaceae).

REFERENCE FOR DIOSPYROS

Chen, L. (1935). Diospyros in Southeast China. Lingnan Sci. Journ. 14: 665-685.

STYRACACEAE sens. lat.

1377. Pterostyrax psilophyllus Diels ex Perkins var. leveillei (Fedde) Hara in Journ. Jap. Bot. 15:457 (1939).

Styrax cavaleriei Lévl. in Fedde, Rep. Sp. Nov. 9:447 (1911)—non Lévl.

(1907).

S. leveillei Fedde ex Lévl., Fl. Kouy-Tchéou 407 (1915).

Pterostyrax cavaleriei (Lévl.) Guillaumin in Bull. Soc. Bot. Fr. 70:886 (1923).

P. leveillei (Fedde ex Lévl.) Chun in Hooker's Icon. Pl. 32: t. 3161 (1932); Rehder in Journ. Arn. Arb. 15:295 (1934) & 18:233 (1937); Hand.-Mazz., Symb. Sin. 7:805 (1936).

P. hispidus auct. non Sieb. & Zucc.; W.W. Sm. in Notes R.B.G. Edinb. 12:238 (1920).

1378. Styrax argyi Lévl. in Fedde, Rep. Sp. Nov. 11:64 (1912) & in Mem. Real Acad. Ci. Artes Barcelona ser. 3,12:562 (1916); W.W. Sm. in Notes R.B.G. Edinb. 12:237 (1920); Rehder in Journ. Arn. Arb. 15:295 (1934) & 18:233 (1937).

Rehder's reference to S. argyi in Fl. Kouy-Tchéou 407 (1915) is erroneous.

Styrax esquirolii Lévl. = Deutzia esquirolii (Lévl.) Rehder (Saxifragaceae).

Note: W. W. Smith referred to the type of S. esquirolii which he could not trace; it is also the type of Deutzia esquirolii and is at Edinburgh under that name.

1379. Styrax grandiflorus Griff., Notul. Pl. As. 4: 287, t. 423, f.1 (1854); Perkins in Engl., Pflanzenr. 30 (IV.241):75 (1907); W.W. Sm. in Notes R.B.G. Edinb. 12:238, 239 (1920); Rehder in Journ. Arn. Arb. 15:296 (1934) & 18:233 (1937).

S. cavaleriei Lévl. in Fedde, Rep. Sp. Nov. 4:331 (1907) & Fl. Kouy-Tchéou 407 (1915).

S. touchanensis Lévl. in Fedde, Rep. Sp. Nov. 11:64 (1912) & Fl. Kouy-Tchéou 407 (1915).

1380. Styrax japonicus Sieb. & Zucc., Fl. Jap. 1:53, t. 23 (1837-8); Perkins in Engl., Pflauzenr.; 30 (IV.241):73 (1907); W.W. Sm. in Notes R.B. G. Edinb. 12:238 (1920); Rehder in Journ. Arn. Arb. 15:295 (1934) & 18:233 (1937). S. bodniieri Lévl. in Fedde, Rep. Sp. Nov. 4:332 (1907) & Fl. Kouy-Tchéou 407 (1015).

REFERENCES FOR STYRAX

Perkins, J. (1907). Styracaceae. Das Pflanzenr. 30 (IV.241): 1-111.

Smith, W. W. (1920). Species of Styrax in Herb. Léveillé. Notes R.B.G. Edinb. 12:237-239.

- 1381. Symplocos anomala Brand in Bot. Jahrb. 29:529 (1900); Rehder in Journ. Arn. Arb. 15:300 (1934); Noot. in Leiden Bot. Ser. 1:126 (1975).
- S. dielsii Lévl. in Fedde, Rep. Sp. Nov. 9:445 (1911) & Fl. Kouy-Tchéou 409 (1915).
 - S. esquirolii Lévl. in Fedde, Rep. Sp. Nov. 9:445 (1911) & Fl. Kouy-Tchéou 409 (1915).

Bobua anomala (Brand) Migo in Bot. Mag. Tokyo 56:267 (1942).

1382. Symplocos cochinchinensis (Lour.) S. Moore subsp. laurina (Retz.) Noot, var. laurina in Leiden Bot. Ser. 1:156 (1975).

Myrtus laurinus Retz., Observ. Bot. 4:26 (1786).

- S. laurina [Wall. ex] G. Don, Gen. Syst. 4:3 (1837); Rehder in Journ. Arn. Arb. 15:298 (1934); Hand.-Mazz. & Pet.-Stib. in Beih. Bot. Centralbl. 62B:33 (1943); Lauener in Notes R.B.G. Edinb. 27:6 (1966).
 - S. bodinieri Brand in Fedde, Rep. Sp. Nov. 3:217 (1906); Rehder in Journ. Arn. Arb. 15:299 (1934).
 - S. balfourii Lévl. in Fedde, Rep. Sp. Nov. 9:77 (1910) & Fl. Kouy-Tchéou 409 (1915).
- S. pinfaensis Lévl. in Fedde, Rep. Sp. Nov. 9:77 (1910); Rehder in Journ. Arn. Arb. 15:298 (1934); Hand.-Mazz. & Pet.-Stib. in Beih. Bot. Centralbl. 62B:75 (1944).
- Eurya cavaleriei Lévl. in Fedde, Rep. Sp. Nov. 9:450 (1911) & Fl. Kouy-Tchéou 286 (1914) pro syn. sub Maesa bodinieri.
 - Maesa aurea Lévl. in Fedde, Rep. Sp. Nov. 10:375 (1912) & Fl. Kouy-Tchéou 286 (1915).
 - Symplocos vinoso-dentata Lévl. in Bull. Acad. Géog. Bot. 24:283 (1914), Fl. Kouy-Tchéou 410 (1915) & Cat. Pl. Yunnan 268 (1917).
 - Maesa bodinieri Lévl. & Blin. in Lévl., Fl. Kouy-Tchéou 286 (1915).
 - S. laurina var. bodinieri (Brand.) Hand.-Mazz. in Beih. Bot. Centralbl. 62B:34 (1943).

Rehder had the Léveillé species variously disposed under S. pinfaensis, S. laurina and S. bodinieri, but as treated by Nooteboom they are all synonymous with S. cochinchinensis subsp. laurina var. laurina.

Symplocos courtoisii Lévl. = Ilex chinensis Sims (Aquifoliaceae).

1383. Symplocos glomerata [King ex] C.B. Cl. in Hook. f., Fl. Brit. Ind. 3: 577 (1882); Noot. in Leiden Bot. Ser. 1:199 (1975).

S. mairei Lévl. in Le Monde des Pl. sér. 2, 18:28 (1916) & Cat. Pl. Yunnan 268 (1917); Rehder in Journ. Arn. Arb. 15:301 (1934); Hand.-Mazz. & Pet.-Stib. in Beih. Bot. Centralbl. 62B:28 (1943).

1384. Symplocos glomerata [King ex] C.B. Cl. subsp. glomerata var. adenopus (Hance) Noot. in Leiden Bot. Ser. 1:202 (1975).

- S. adenopus Hance in Journ. Bot. 21:322 (1883); Rehder in Journ. Arn. Arb. 15:301 (1934).
 - S. praimi Lévl. in Fedde, Rep. Sp. Nov. 9:445 (1911) & Fl. Kouy-Tchéou 410 (1915).

1385. Symplocos Iancifolia Sieb. & Zucc. in Abh. Bayer. Akad. Wiss. Münch. Math.-Phys. Kl. 4,3:133 (1846); Rehder in Journ. Arn. Arb. 15:299 (1934); Noot. in Leiden Bot. Ser. 1:214 (1975).

S. aurea Lévl. in Fedde, Rep. Sp. Nov. 9:445 (1911) & Fl. Kouy-Tchéou 409 (1915).

1386. Symplocos lucida (Thunb.) Sieb. & Zucc., Fl. Jap. 1:55, t. 24 (1837-8) excl. syn. *Myrtus laevis*; Noot. in Leiden Bot. Ser. 1:217 (1975).

Hopea lucida Thunb., Ic. Fl. Jap. 2: t. 4 (1800).

Symplocos setchuensis Brand in Bot. Jahrb. 29:528 (1900); Rehder in

Journ. Arn. Arb. 15:296 (1934).

S. ernestii Dunn in Journ. Linn. Soc. (Bot.) 39:499 (1911); Hand.-Mazz., Symb. Sin. 7:806 (1936); Hand.-Mazz. & Pet.-Stib. in Beih. Bot. Centralbl. 62B:13 (1943); Rehder in Journ. Arn. Arb. 18:233 (1937); Li in Journ. Arn. Arb. 27:424 (1944).

S. coronigera Lévl. in Fedde, Rep. Sp. Nov. 10:431 (1912) & Fl. Kouy-Tchéou 409 (1915); Rehder in Journ. Arn. Arb. 15:296 (1934).

S. argyi Lévl. in Fedde, Rep. Sp. Nov. 10:431 (1912) & in Mem. Real Acad. Ci. Artes Barcelona ser. 3,12:562 (1916).

S. xanthoxantha Lévl. in Bull. Acad. Géog. Bot. 24:283 (1914) & Cat. Pl. Yunnan 268 (1917).

Rehder placed S. argyi as a synonym of S. setchuensis and S. xanthoxantha as a synonym of S. coronigera. In 1937 he put S. coronigera under S. ernestii, a new name for S. wilsonii Brand—non Hemsl. However, all these species are regarded by Nooteboom as synonymous with S. lucida.

1387. Symplocos paniculata (Thunb.) Miq. in Ann. Mus. Bot. Lugd.-Bat. 3:102 (1867); Rehder in Journ. Arn. Arb. 15:297 (1934); Hand.-Mazz. & Pet.-Stib. in Beih. Bot. Centralbl. 62B:39 (1943); Noot. in Leiden Bot. Ser. 1:258 (1975).

Prunus paniculatus Thunb., Fl. Jap. 200 (1784).

Cotoneaster coreanus Lévl. in Fedde, Rep. Sp. Nov. 11:64 (1912).

Prunus mairei Lévl. in Bull. Acad. Géog. Bot. 25:45 (1915) & Cat. Pl. Yunnan 233 (1917).

Crataegus lyi Lévl., Fl., Kouy-Tchéou 346 (1915) incl. Prunus lyi Blin ex Lévl. in syn.

Crataegus biloba Lévl., Fl. Kouy-Tchéou 346 (1915).

Symplocos paniculata f. biloba (Lévl.) Rehder in Journ. Arn. Arb. 15:297 (1934).

Palura coreana (Lévl.) Nakai in Bot. Mag. Tokyo 48:773 (1934) & in Bull. Nat. Sci. Mus. Tokyo no. 31:91 (1952); Hara, Enum. Sperm. Jap. 1:109 (1948).

Symplocos coreana (Lévl.) Ohwi in Bull. Nat. Sci. Mus. Tokyo 33:83 (1953) & Fl. Jap. (Engl. ed.) 725 (1965).

1388. Symplocos ramosissima [Wall. ex] G. Don, Gen. Syst. 4:3 (1837); Noot. in Leiden Bot. Ser. 1:274 (1975).

S. fasciculata Zoll. var. chinensis Brand in Fedde, Rep. Sp. Nov. 3:217

(1906); Rehder in Journ. Arn. Arb. 15:298 (1934).

S. stapfiana Lévl. in Fedde, Rep. Sp. Nov. 9:444 (1911) & Fl. Kouy-Tchéou 410 (1915); Hand.-Mazz. & Pet.-Stib. in Beih. Bot. Centralbl. 62B:26 (1943) excl. syn. S. mairei Lévl.

Symplocos seguinii Lévl. = Eriobotrya seguinii (Lévl.) Card. ex Guillaum. (Rosaceae).

1389. Symplocos stellaris Brand in Bot. Jahrb. 29:528 (1900); Rehder in Journ. Arn. Arb. 15:301 (1934); Ling in Acta Phytotax. Sin. 1:217 (1951); Noot. in Leiden Bot. Ser. 1:282 (1975).

S. dunniana Lévl. in Fedde, Rep. Sp. Nov. 9:445 (1911) & Fl. Kouy-

Tchéou 409 (1915).

Litsea chaffanjoni Lévl. in Fedde, Rep. Sp. Nov. 12:182 (1913) & Fl. Kouy-Tchéou 220 (1914).

Bobua stellaris (Brand) Migo in Bot. Mag. Tokyo 56:269 (1942).

1390. Symplocos sumuntia [Buch.-Ham ex] D. Don, Prodr. Fl. Nepal 145 (1825): Noot, in Leiden Bot. Ser. 1:284 (1975).

S. botryantha Franch. in Nouv. Arch. Mus. Paris sér. 2,10:60 (1888); Rehder in Journ. Arn. Arb. 15:300 (1934).

S. punctata Brand in Fedde, Rep. Sp. Nov. 3:217 (1906); Rehder in Journ. Arn. Arb. 15:300 (1934).

S. bodinieri Lévl. in Fedde, Rep. Sp. Nov. 9:76 (1910)—non Brand (1906).

S. martini Lévl., I.e. 9:77 (1910) & Fl. Kouy-Tchéou 410 (1915); Rehder in Journ. Arn. Arb. 15:300 (1934); Hand.-Mazz. & Pet.-Stib. in Beih. Bot. Centralbl. 62B:20 (1944).

S. caerulea Lévl. in Fedde, Rep. Sp. Nov. 9:77 (1910) & Fl. Kouy-Tchéou

409 (1915).

S. cavalerieï Lévi. in Fedde, Rep. Sp. Nov. 9:77 (1910) & Fl. Kouy-Tchéou 409 (1915); Rehder in Journ. Arn. Arb. 15:300 (1934); Hand.-Mazz. & Pet.-Stib. in Beih. Bot. Centralbl. 62B:18 (1943).

S. splendens Lévl. in Fedde, Rep. Sp. Nov. 12:186 (1913), Fl. Kouy-Tchéou 410 (1915) & Cat. Ill. Pl. Seu-Tchouen pl. 62 (1918).

S. caudata [Wall. ex] G. Don var. macrantha Hand.-Mazz. in Beih. Bot. Centralbl. 62B:18 (1943).

Rehder placed S. caerulea in synonymy under S. botryantha, and S. bodinieri and S. splendens under S. punctata, and retained S. cavaleriei and S. martini. Nooteboom regards all these species as synonymous with S. sumuntia.

REFERENCES FOR SYMPLOCOS

Handel-Mazzetti, H. & Peter-Stibal, E. (1943). Eine Revision der Chinesischen Arten der Gattung Symplocos Jacq. Beih. Bot. Centralbl. 62B: 1-42.

Brand, A. (1901). Symplocaceae. Das Pflanzenr. 6 (IV.242):1-100.
Nooteboom, H. P. (1975). Revision of the Symplocaceae of the Old World,
New Caledonia excepted. Leiden Bot. Ser. 1:1-335.